

BIOLOGY

“The Biology Program truly equipped me to think critically, ask insightful questions and solve problems creatively. I use these skills on a daily basis and feel that my Biology education will make me a more thoughtful scientist, physician, and citizen.”

- Kaitlyn, Biology Major



ABOUT THE DEPARTMENT

Graduates earn a Bachelor of Arts (BA) in Biology and a minor is also available. Specialty offerings in neurobiology, anatomy, physiology, microbiology, parasitology, and more complement a foundational core of courses in general biology, zoology, botany, genetics, and evolution. Organismal field courses examine species and their ecology within the region. Strong partnerships between students and faculty advisors ensure access to tools necessary to complete a terminal degree or gain admission to graduate, medical, dental, or veterinary schools. Departmental work positions, clubs, well-equipped laboratories, and a plethora of robust experiential-learning opportunities further reinforce the curriculum.

OPPORTUNITIES & INTERNSHIPS

- Create strong foundations for future careers by serving as teaching and laboratory assistants.
- Undertake biomedical research sponsored by faculty or organizations, like the Hal Moses Aspirnaut Program at Vanderbilt University School of Medicine or the Kentucky Biomedical Research Infrastructure Network, at many prestigious partner institutions.

- Engage in organismal and field research at zoological parks, wildlife rehabilitation facilities and government or private environmental agencies.
- Conduct faculty-sponsored summer research and creative projects on campus.
- Present research and create networks with faculty and industry personnel at symposia and annual meetings of professional societies.

CAREERS & OUTCOMES

Biology graduates find employment and opportunities to continue their education in a variety of career fields such as:

- Teacher
- Lab/Research Assistant
- Physician, Physician Assistant
- Veterinarian
- Dentist
- Physical Therapist
- Ecologist, Environmental Scientist
- Conservationist
- Scientific Writer/Reporter
- Wildlife Rehabilitator
- State or Federal Government Biologist



WHY IS A LIBERAL ARTS EDUCATION VALUABLE?

A liberal arts education at Berea College, combined with our work study program, equips students with highly employable skills like communication, problem-solving, and teamwork. Beyond offering a degree program, we help our students develop social responsibility and prepare them to successfully navigate diversity, change, and the complex demands of a modern work place.



80

percentage of employers who want colleges to emphasize critical thinking, analytic reasoning, and oral and written communication.

#1

Berea College's ranking as "Best Liberal Arts College" by Washington Monthly Magazine, 2018.

75

percentage of employers who believe successful college graduates should have both liberal arts training and experience in the field.

90

percentage of Berea students who credit liberal arts and work study for developing their communication, critical thinking, & problem-solving skills.



"People with a liberal arts education are able to think and view the world from several different perspectives . . . This ability to understand and adapt is very valuable in today's workplace."

Edward B. Rust Jr.
Chairman and CEO, State Farm Insurance Companies